Refine Search

Search Results -

Terms	Documents
L9 not L8	15

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Sunday, August 22, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L11	L9 not L8	15	L11
L10	L7 and L4	6	L10
L9	L6 and L4	20	L9
L8	L5 and L4	10	L8
L7	714/$.ccls.	46103	L7
L6	709/$.ccls.	30653	L6
L5	707/$.ccls.	22017	L5
L4	L3 and (mis$4 same resource$1)	41	L4
L3	L1 and quer$3	257	L3
L2	L1 and (mis$4 near resource$1)	5	L2
L1	LPAR or ("logical partition")	1281	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (mis$4 near resource$1)	5

8.22.04

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L1 and (mis$4 near resource$1)

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Sunday, August 22, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L2	L1 and (mis$4 near resource$1)	5	L2
L1	LPAR or ("logical partition")	1281	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L6 not L5	28

8.22.04

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L7 tag$4

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Sunday, August 22, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L7	L6 not L5	28	L7
L6	L3 and (error near log)	65	L6
L5	L4 and (error near log)	37	L5
L4	L3 and quer$3	257	L4
L3	LPAR or ("logical partition")	1281	L3
L2	L1 and quer$3	48	L2
L1	LPAR	483	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and quer$3	48

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L12

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Sunday, August 22, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L12	L1 and quer$3	48	L12
L11	L9 and (mis$4 same list)	10	L11
L10	L9 and (mis$4 same list same tag$4)	2	L10
L9	L1 and (quer$3 or search$3)	116	L9
L8	(L4 or L5) and L1	2	L8
L7	(L4 or L5) and L2	1	L7
L6	(L4 or L5) and L3	0	L6
L5	714/56.ccls.	131	L5
L4	714/48.ccls.	725	L4
L3	L2 and (updat$3 same list$1)	29	L3
L2	L1 and updat$3	149	L2
L1	LPAR	483	L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L17 and (quer$3 same mis$4 same list$1)	1

Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L20

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Sunday, August 22, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L20	L17 and (quer$3 same mis$4 same list$1)	1	L20
L19	((logical near partition) or LPAR) same (error or mis$4) same list$1	5	L19
L18	((logical near partition) or LPAR) same (error or mis$4) same (resource$1 near list$1)	2	L18
L17	((logical near partition) or LPAR) same (error or mis$4)	147	L17
L16	6701464.uref.	0	L16
L15	L13 and (log same partition$)	0	L15
L14	L13 and L1	0	L14
L13	(4914586 or 5155731 or 5557740 or 5862316).pn.	8	L13
L12	L1 and quer$3	48	L12
L11	L9 and (mis$4 same list)	10	L11
L10	L9 and (mis$4 same list same tag$4)	2	L10
L9	L1 and (quer$3 or search$3)	116	L9

L8	(L4 or L5) and L1	2	L8
L7	(L4 or L5) and L2	1	L7
L6	(L4 or L5) and L3	0	L6
L5	714/56.ccls.	131	L5
L4	714/48.ccls.	725	L4
L3	L2 and (updat$3 same list$1)	29	L3
L2	L1 and updat$3	149	L2
L1	LPAR	483	L1

END OF SEARCH HISTORY

Your search matched **1** of **1062489** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enteri new one in the text box.

lpar <or> (logical <near> patition) <and> quer* Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

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1 **The dual lattice relational data model. An approach for managing compound and complex data types**
Hsiu-hsen Yao;
CompEuro '91. 'Advanced Computer Technology, Reliable Systems and Applications'. 5th Annual European Computer Conference. Proceedings. , 13-1 May 1991
Pages:735 - 739

[Abstract] [PDF Full-Text (384 KB)] **IEEE CNF**

Your search matched **1** of **1062489** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enteri new one in the text box.

lpar <or> (logical <near> patition) <and> list <and> q Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

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1 **The dual lattice relational data model. An approach for managing compound and complex data types**
Hsiu-hsen Yao;
CompEuro '91. 'Advanced Computer Technology, Reliable Systems and Applications'. 5th Annual European Computer Conference. Proceedings. , 13-1 May 1991
Pages:735 - 739

[Abstract] [PDF Full-Text (384 KB)] **IEEE CNF**

WEST

Help | Logout | Interrupt

Main Menu | Search Form | Posting Counts | Show S Numbers | Edit S Numbers | Preferences | Cases

Search Results -

Terms	Documents
L30 and (extract$3 or quer$3)	2

1996 8.8.7

Database: US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L31

Refine Search

Recall Text | Clear

Search History

DATE: Friday, August 08, 2003 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=TDBD; PLUR=YES; OP=OR			
L31	L30 and (extract$3 or quer$3)	2	L31
L30	L25 and resource$2	28	L30
L29	L25 and logical	23	L29
L28	L25 and (logical near2 volume$1)	0	L28
L27	L25 and ((logical near2 volume$1) or (physical near2 volumn$1))	0	L27
L26	L25 and (logical near2 volume$1) or (physical near2 volumn$1)	0	L26
L25	error$2 near log	181	L25
DB=USPT; PLUR=YES; OP=OR			
L24	L22 and (error$2 near log)	18	L24
L23	L22 and error$2	224	L23
L22	L21 and resource$2	348	L22
L21	(logical near2 volume$1) or (physical near2 volumn$1) and (extract$3 or quer$3)	774	L21

L20	L19 and resource$2	0	L20
L19	((logical near2 volume$1) or (physical near2 volumn$1)) and (fail$ or error$2)	628	L19
DB=TDBD; PLUR=YES; OP=OR			
L18	L17 and (extract$3 or quer$3)	0	L18
L17	((logical near2 volume$1) or (physical near2 volumn$1)) and (fail$ or error$2)	13	L17
L16	L1 and (extract$3 or quer$3)	0	L16
L15	L13 and extract$3	0	L15
L14	L13 and quer$3	0	L14
L13	L12 and resource$2	3	L13
L12	((logical near volume$1) or (physical near volumn$1)) and (fail$ or error$2)	12	L12
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L11	L10 and (configurat$ near database)	30	L11
L10	L9 and resource$2	156	L10
L9	L2 and quer$3	156	L9
L8	L2 and (lpar same quer$3)	1	L8
L7	L6 not L5	17	L7
L6	L2 and (quer$3 near3 database)	30	L6
L5	L3 and (quer$3 near5 (database or table))	17	L5
L4	L3 and quer$3	55	L4
L3	L2 and tag$	80	L3
L2	L1 and resource$2	425	L2
L1	((logical near volume$1) or (physical near volumn$1)) and (fail$ or error$2)	892	L1

END OF SEARCH HISTORY

L4: Entry 1 of 3 File: TDBD Apr 1, 2001

TDB-ACC-NO: NNRD444202

DISCLOSURE TITLE: Methods Of Intercommunication Among Common Service Processor, Hardware System Console, And Firmware Partition Manager For Logical Partition Management, Instantiation, And Termination

PUBLICATION-DATA:
IBM technical Disclosure Bulletin, April 2001, UK

ISSUE NUMBER: 444
PAGE NUMBER: 700

PUBLICATION-DATE: April 1, 2001 (20010401)

CROSS REFERENCE: 0374-4353-0-444-700

DISCLOSURE TEXT:

Disclosed is the methods used by Common Service Processor (CSP), Hardware System Console (HSC), and System Firmware Partition Manager (PM) for the management, instantiation, and termination of logical partitions in a logical partitioned (LPAR) system. In the logically partitionable system, the HSC is responsible to manage the assignments of system resources to all available logical partitions supported by the system. These assignments are saved in several tables in NVRAM of the system. The CSP provides a communication link whereby the HSC can access NVRAM to maintain and update these tables. On the other hand, the PM acts upon requests from the HSC to instantiate logical partitions by satisfying and allocating partitions' resources assigned and indicated in these tables. The PM also reclaims resources and cleans up the partitions when they terminate and cease to run. As a result of the instantiations and terminations of partitions, the PM will directly update these same tables in NVRAM for the information related to partition state-status, processor state, etc.. Because of multiple writers to these tables, it is mandatory that these tables must be updated timely and correctly. Once the data structures of the tables are defined, the disclosed methods require that the designer of these tables to clearly identify the ownership of every field of the tables. The owner of a field can write to the field. However, all parties can read any field of the tables. Since some fields are used by the HSC and the PM at different times to perform the acknowledgment dialog, the ownership may be switched based on content of the fields. For the discussion, the entries of the processor table, I/O slot table, and partition table are shown below in their C code structures. Note that the owner (has write access to the field) is listed after the field description. Only a couple of fields can be written by multiple writers and that is shown as OWNER1/OWNER2 (i.e. HSC/PM). typedef struct { char lpar_id; /* Logical Partition ID. HSC */ char status; /* Processor Status. CSP */ char state; /* Processor State. PM */ char proc_pir; /* Processor PIR number. CSP */ char phys_loc[32]; /* Physical Location Code. CSP */ char lpar_reset_vector; /* Hypervisior reset vector. CSP */ char unused[2]; /* Reserved. CSP */ } LPAR_PROC; typedef struct { char lpar_id; /* Logical Partition ID. HSC */ char status; /* Slot status. CSP */ char state; /* Slot state. PM */ char phb_num; /* PHB number. PM */ char dev_id[4]; /* Device Id. PM */ char slot_phys_loc[7]; /* Physical Location Code. PM */ char slot_num; /* Slot number. PM */ char PCI_class[3]; /* PCI class code. PM */ char flag3; /* Reserved. CSP */ } LPAR_IO_SLOT; typedef struct { char lpar_id; /* Logical Partition ID. HSC */ char cmd_state; /* Partition command state. PM */ char cmd; /* Current command. Cleared after consumed. HSC/PM */ /* CSP writes iff cmd_state = READY or ERROR */ /*

Partition manager writes iff cmd_state = Booting */ char cmd_last; /* Last command issued by HSC. CSP */ char err_code; /* Error code, valid when cmd status is set to ERROR. HSC/PM */ /* must be cleared after ERROR state before the Partition */ /* manager will accept any commands. */ char slot_avail; /* Slot available on this R/S 6000 model. CSP */ char lpar_slot_def; /* HSC partition definition state. HSC */ char service_auth; /* service authority - flash etc. HSC */ char lpar_name[32]; /* Name of partition.

HSC */ int mem_size; /* Amount of memory assigned this partition in 1 MB units. HSC */ int page_tbl_size; /* Page table size in 1 MB units. PM */ } LPAR_CMD_STATUS; These entries are initialized to the default values of the fields by the CSP. Subsequently, the HSC can modify the fields belonging to the HSC to begin the configuration of each partition(i.e. assign processor resources and I/O slot resources to each partition). When the PM comes up, the PM will update the fields belonging to the PM.

To illustrate the change of ownership, let's begin by the HSC issuing a BOOT_NORMAL command to a partition whose cmd_state field is set to READY indicating that the HSC has the ownership of the cmd field. Upon receiving the BOOT_NORMAL command from the HSC and on behalf of the HSC, the CSP writes the BOOT_NORMAL command byte to the cmd field of the structure for the partition. The PM reads and discovers a command being placed in the cmd field of the partition, then decides to instantiate the partition by changing the cmd_state from READY to BOOTING, thus causing the cmd field ownership to be switched from the HSC to the PM. The PM then clears the cmd field to acknowledge the consumption of the boot command, and sends a alert message to the CSP. The CSP detects the alert message of the change in the cmd_state field, and then informs the HSC of the completion of the BOOT_NORMAL command request. If the partition fails to boot, the err_code field is written with a failure code for the HSC to retrieve. The cmd_state field is then set to ERROR, thus switching the err_code field ownership from the PM to the HSC. The HSC can examine the error code, and try to recover from the failure. Once the HSC is ready to reboot the partition, it requests the CSP to clear the err_code field, and place the boot command into cmd field again. The PM sees the err_code being cleared and a boot command being presented, it then re-instantiates the partition by changing the cmd_state from ERROR to BOOTING.